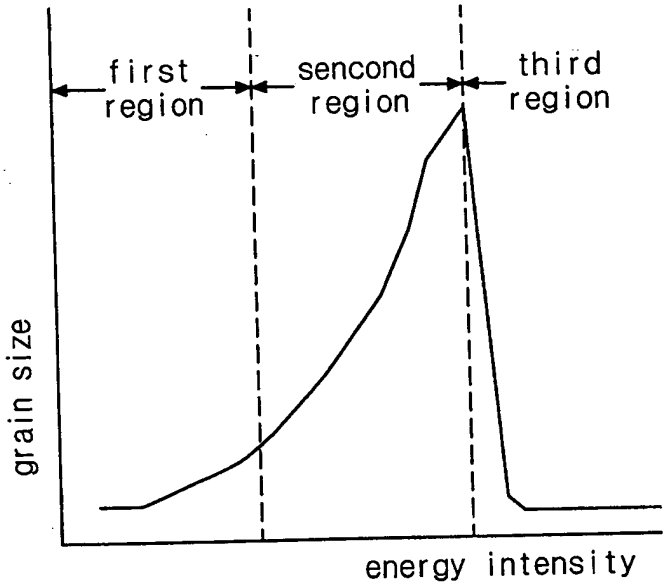

FIG. 1
(RELATED ART)

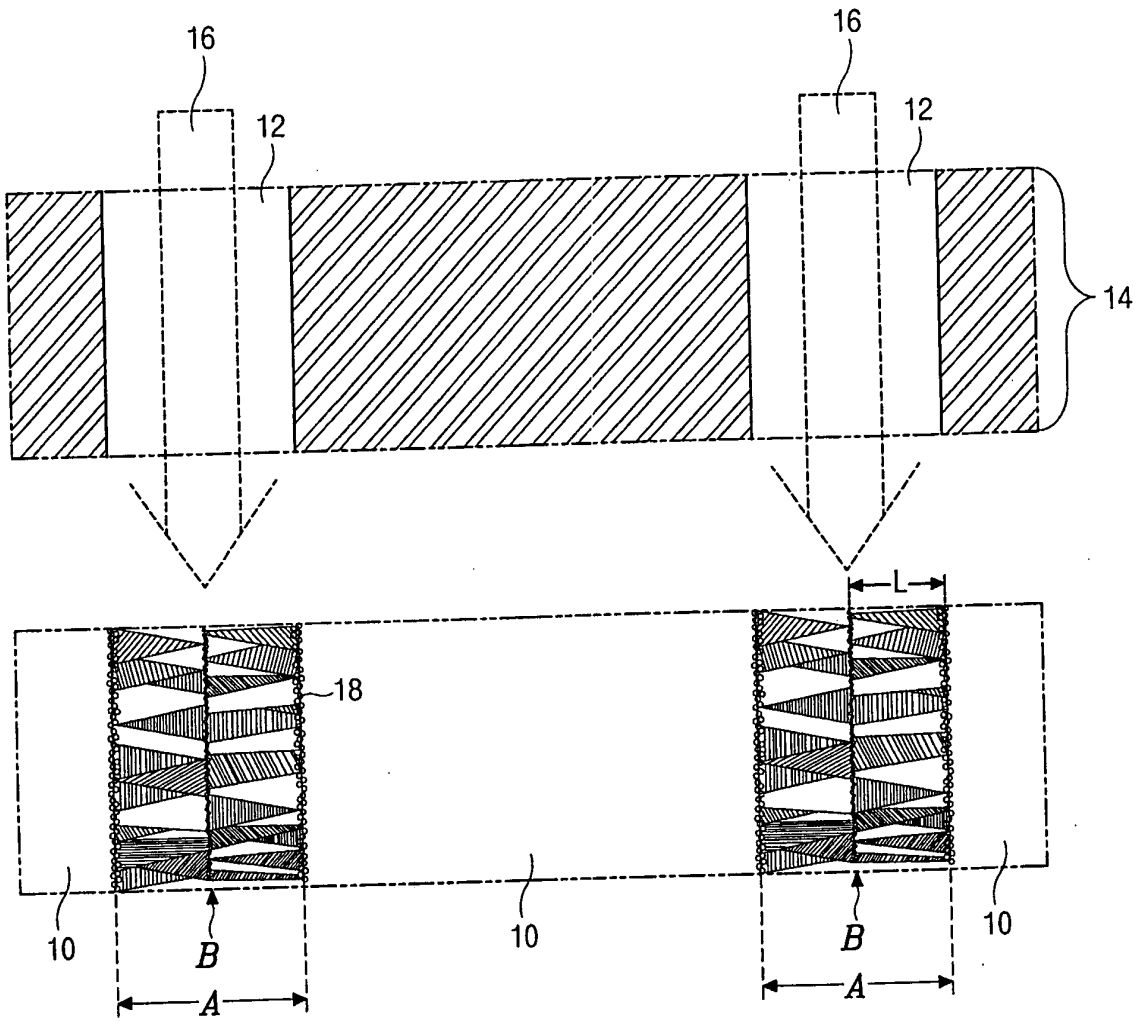

FIG. 2
(RELATED ART)

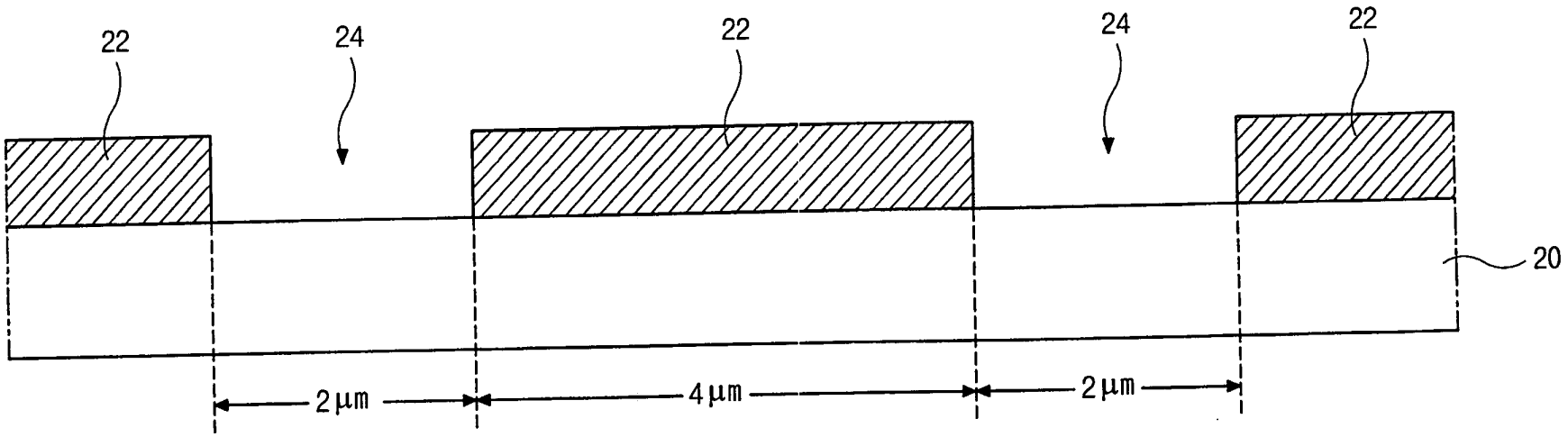

FIG. 3
(RELATED ART)

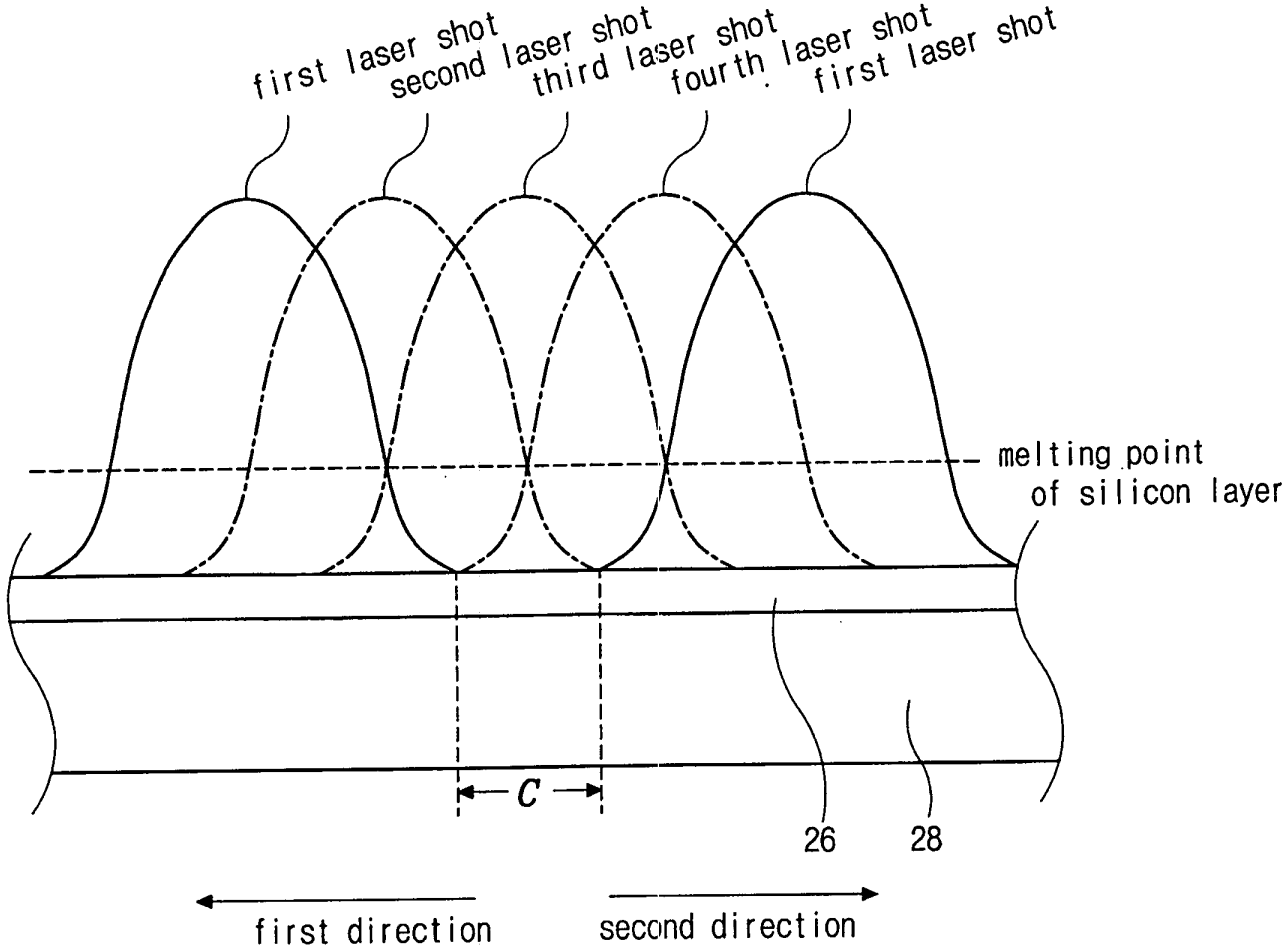

FIG. 4
(RELATED ART)

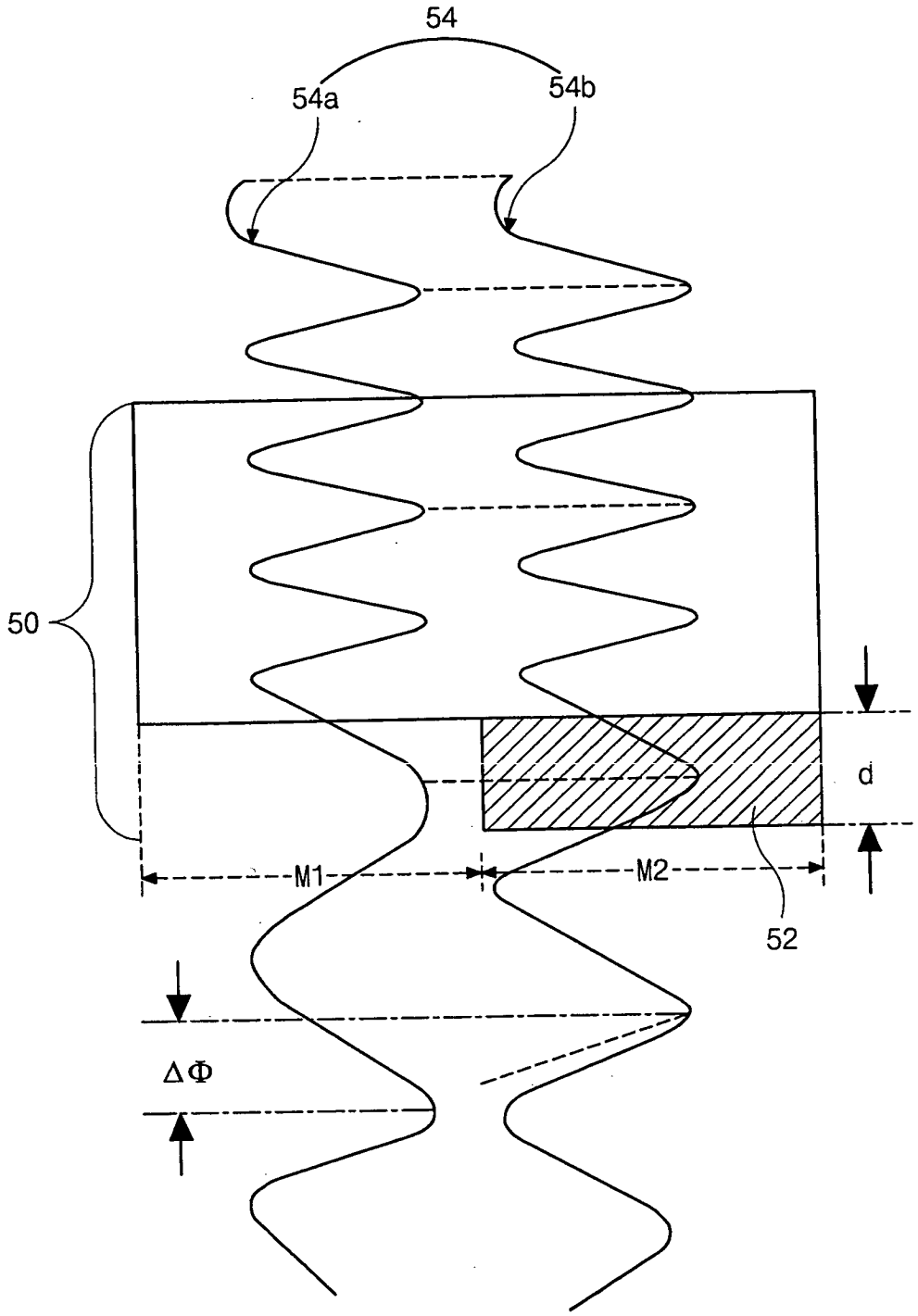

FIG. 5

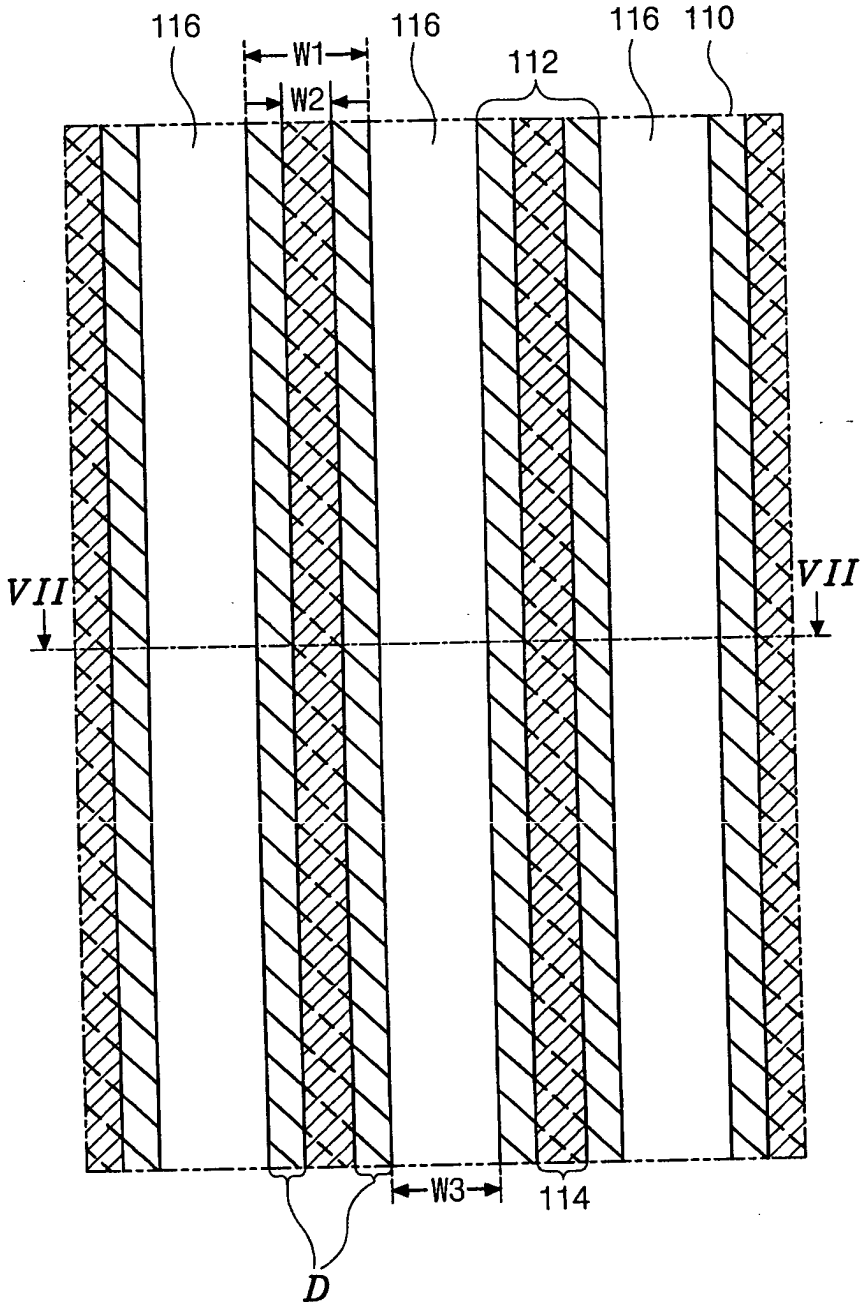

FIG. 6

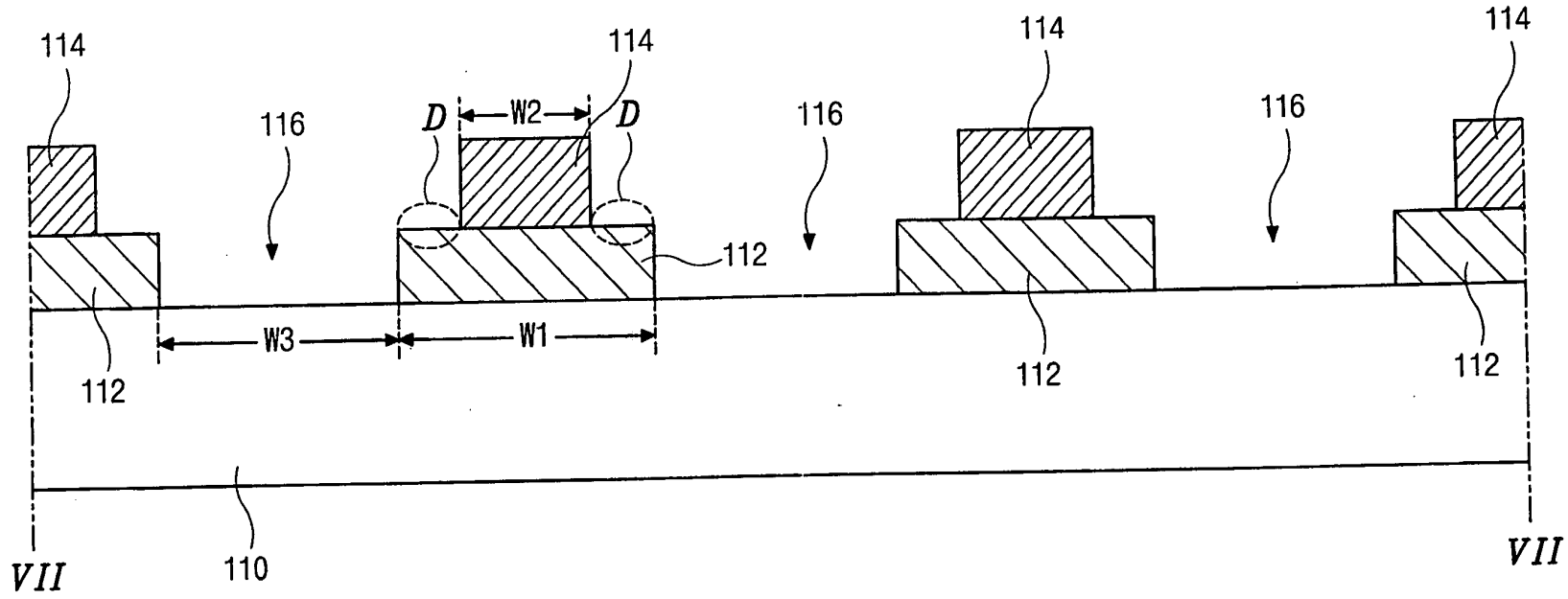
114
114
114
114
116
116
116
D
W2
D
112
112
112
112
W3
W1
VII
110
VII

FIG. 7

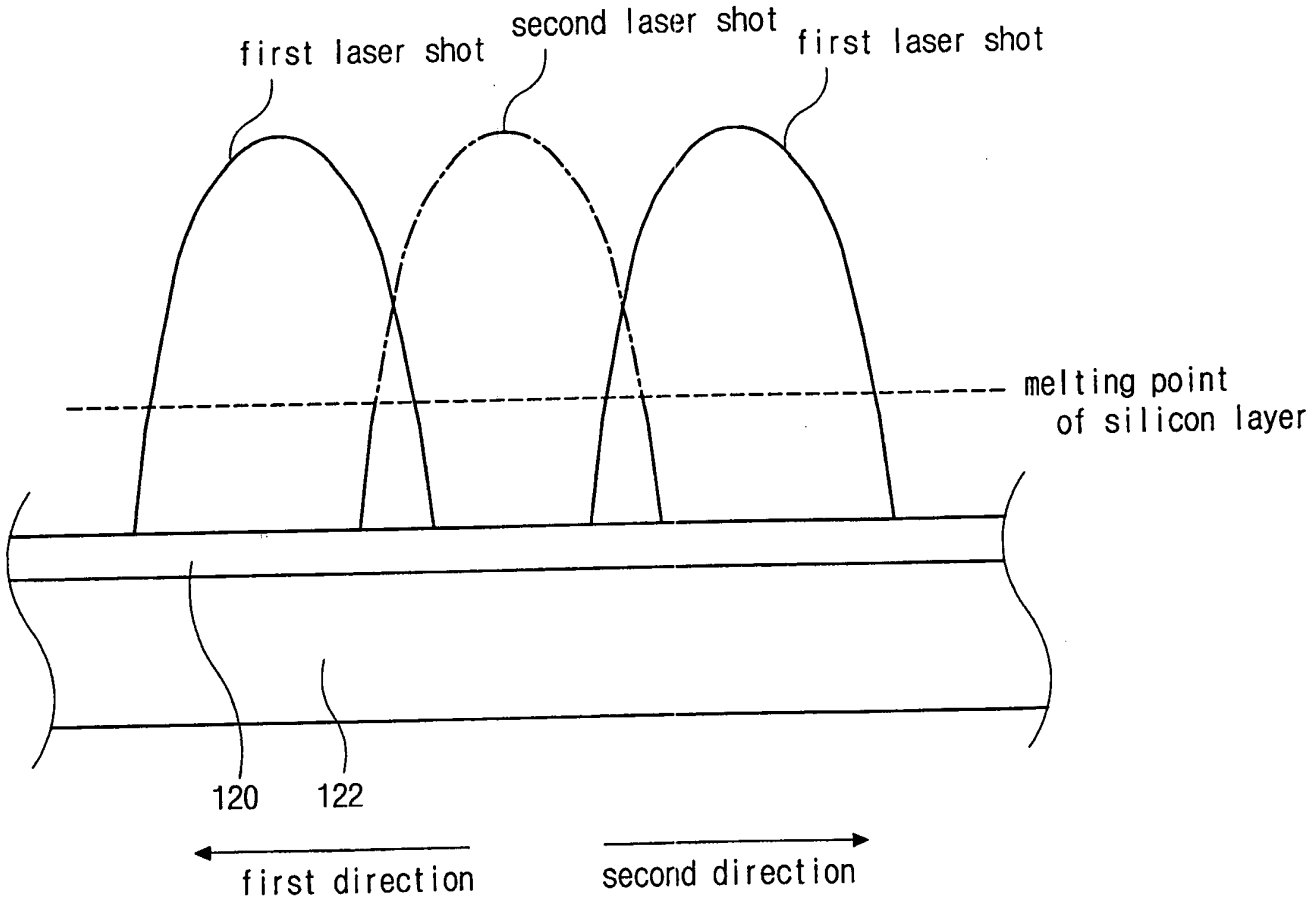
first laser shot
second laser shot
first laser shot
melting point
of silicon layer
120
122
first direction
second direction

FIG. 8

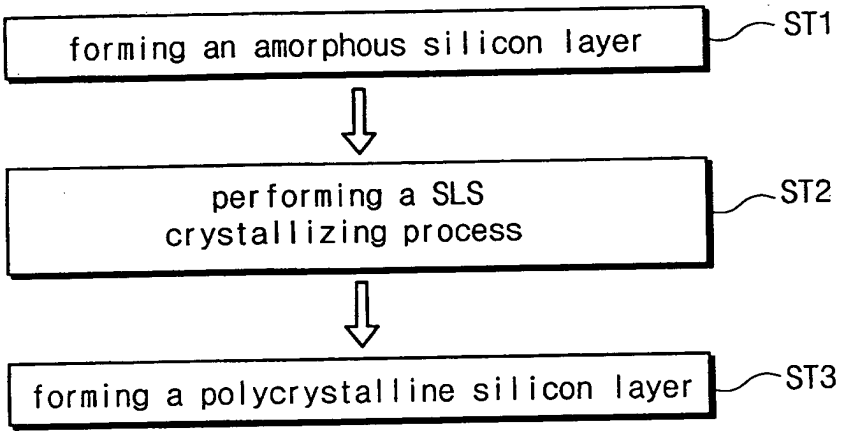
forming an amorphous silicon layer
ST1
performing a SLS crystallizing process
ST2
forming a polycrystalline silicon layer
ST3

FIG. 9